

FILEID**KC

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LOD

Version: 'V04-000'

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FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

ABSTRACT:
Defines macros for reading a single character from input.

ENVIRONMENT: Transportable BLISS

AUTHOR: Rich Friday

CREATION DATE: 1978

MODIFIED BY:

002 KAD00002 Keith Dawson 07-Mar-1983
Global edit of all modules. Updated module names, idents,
copyright dates. Changed require files to BLISS library.

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KCNS reads a character and advances the cursor. Substitution, as indicated
by the presence of the Substitute flag, is never performed.

MACRO

```
kcns( ) =  
  (IF .fs_length (ira) LEQ 0  
  THEN  
    BEGIN  
      EXTERNAL LITERAL
```

```

        rintes : UNSIGNED (8);
khar = rintes;
fs_length (ira) = -1;
END
ELSE
    fs_rchar (ira,khar))
%;
```

KCS reads a character; it calls SUBST if the character read is the Substitute flag and recognition of the Substitute flag is enabled.

```
MACRO
    kcs( )      =
        BEGIN
        EXTERNAL khar;
        EXTERNAL ROUTINE subst;
        kcns();
!*****Temporarily turned off
        IF tisf (.khar)
```

THEN
 subst ();
*****End of temporarily turned off
END

TISF returns the value TRUE if KHAR contains the Substitute flag, and recognition of the Substitute flag is enabled.

```

MACRO
tisf (khar) =
    (.flgt [sub_flag,flag_enabled]           ! Recognition of Substitute flag enabled?
     AND
     .sca_flags                            ! Recognition of all flags enabled?
     AND
     (khar EQL .flgt [sub_flag,flag_character])) ! Right character?

```

End of KC.REQ

